

ABSTRACT

A roll transport and splicing vehicle is disclosed which is adapted to splice a new roll onto an expiring roll supported in an unwind station. The vehicle lifts and transports new rolls of material prepared with an adhesive splice pattern in the conventional manner of flying splices. The vehicle then carries the roll into an exact position next to an unwind stand and this roll is then automatically spliced into the expiring web in the unwind stand. The expired roll is severed from the web, and its coreshaft or corechucks are moved from the unwind stand to a position over the new roll, and the new roll is moved into the position formerly occupied by the expired roll. The vehicle then moves from the unwind stand, conveying the expired roll assembly to a roll storage location from which another new roll may be retrieved.

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